

Title (en)
Centrifugal mill with exchangeable cassette

Title (de)
Zentrifugalmühle mit Wechselkassette

Title (fr)
Broyeur centrifuge à cassette échangeable

Publication
EP 0727254 A1 19960821 (DE)

Application
EP 96102155 A 19960214

Priority
DE 29502787 U 19950220

Abstract (en)
The grinder includes a ring-shaped collecting container (27) connected by push-fit connection with the ring sieve (28) arranged on its inner circumference and designed as a replaceable cassette (26) which can be fitted over the rotor (18). The cassette has a removable cover (29) which also spans the grinding chamber (25) and rotor. The cassette has a base plate opposite the cover and enclosing the grinding chamber and having an opening for the motor and rotor shaft. The base plate can be a labyrinth plate with labyrinth seal from the rotor seated on same.

Abstract (de)
Die Erfindung betrifft eine Zentrifugalmühle für den Laborbetrieb mit einem an einen Antriebsmotor gekuppelten Rotor als Mahlwerkzeug, mit einem den Mahlraum des Rotors umschließenden Ringsieb und einem auf dem äußeren Umfang des Ringsiebes angeordneten ringförmigen Auffangbehälter für das zerkleinerte Mahlgut. <IMAGE>

IPC 1-7
B02C 18/06; **B02C 13/18**

IPC 8 full level
B02C 13/14 (2006.01); **B02C 13/18** (2006.01); **B02C 18/06** (2006.01)

CPC (source: EP US)
B02C 18/062 (2013.01 - EP US); **B02C 18/2216** (2013.01 - EP US)

Citation (search report)

- [A] EP 0584712 A1 19940302 - DEBIO RECH PHARMA SA [CH]
- [A] US 2886254 A 19590512 - ROHLINGER MERLIN J, et al
- [A] DD 36013 A1 19650225

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DE102012010064A1; CN102357387A; CN112318941A; RU2608018C2; RU2608018C9; DE202012013666U1; DE202013012350U1; WO2013186362A1; DE102012010065A1; DE202012013667U1; US8002774B2; US8343156B2; US8746600B2; US9655631B2; DE202016006714U1; DE102016013022A1; WO2017162340A1; US10016204B2; US10849633B2; US10974252B2; US11896238B2

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DOCDB simple family (application)
DE 29502787 U 19950220; DE 59607599 T 19960214; EP 96102155 A 19960214; JP 6505696 A 19960216; US 60333096 A 19960220